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				Application Number	10/713,806	
INFO	RMATION	DIS	CLOSURE	Filing Date	November 14, 2003	_
STAT	EMENT B	Y A	PPLICANT	First Named Inventor	YOUNG H. KIM	
O I A I				Group Art Unit	1752	
ľU	se as many shee	ts às n	recessary)	Examinar Name	Walke	
Sheet	1	of	1	Altorney Docket Number,	CL-2229 US NA	/

				U.S. PATE	NT DOCUMENTS	
Examiner	Сір	Do	cument Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Whare Relevant Passages or Relevant
Initials *	No.'	Number-	- Kind Code [®] (il known)	MM-00-YYYY	Applicant of Cited Document	Figures Appear
/ACW/	1	US -	2002/0094382	07-18-2002	Genji Imai	
/AC	W≱	US -	6,803,423	10-12-2004	Hayakawa	<u> </u>
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		FOREIC	N PATENT D	OCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Unes, Where Relevant Passages or Relevant	_
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Examiner Signature	/Amanda C. Walke/	Date Considered	11/26/2007

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Under the Paperwork Re Substitute for form 1449A/PTO Complete if Known 10/713,606 Application Number INFORMATION DISCLOSURE Filing Date November 14, 2003 STATEMENT BY APPLICANT YOUNG H. KIM First Named Inventor Group Art Unit 1752 (Use as many sheets as necessary) Walke Examiner Name Sheet **CL-2229 US NA** of Attorney Docket Number

	U.S. PATENT DOCUMENTS									
Examiner Initials *	Cite No.'		ocument Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
/ACV	V/ 1	US-	6,060,841	05-09-2000	Niiyama					
	2	US-	6,811,950	11-02-2004	Kondo ·					
	3	US-	5,942,367	08-24-1999	SATOSHI WATANABE ET. AL.					
	4	us-	6,534,671 B2	03-18-2003	CHENGJIU WU ET. AL.					
	5	US-	6,653,043 B1	11-25-2003	MAKOTO HANOBATA					
	6	US - 6,534,235 B1		03-18-2003	MAKOTO HANOBATA ET. AL.					
	7	US-	6,769,945 B2	08-03-2004	YU-YANG CHANG ET. AL.					
	8	8 US - 2002/009448		07-18-2002	TAKASHI HATTORI ET. AL.					
	9	US-	2005/0282094 A1	12-22-2005	YOUNG H. KIM ET. AL.					
	10	US-	2005/0227168 A1	10-13-2005	YOUNG H. KIM ET. AL.					
	11	US-	2004/0170925 A1	09-02-2004	DAVID HERBERT ROACH ET. AL.					
	12	US-	2004/0140861	07-22-2004	Alvarez					
	13	US-	2002/106589 A1	08-08-2002	KEVIN RODNEY ET. AL.					
	14	US-	4,833,067	05-23-1989	TANAKA ET. AL.					
	15	US -	5,756,267	05-26-1998	MATSUDA ET. AL.					
	16	US-	2005/0058953 A1	03-17-2005	YUNG-BAE CHAI ET. AL.					
	17	US-	2004/0018453 A1	01-29-2004	EDGARDO ANZURES ET. AL.					
	18	US-	2002/0058207 A1	05-16-2002	TOSHIYUKI URANO ET. AL.					
$-\mathbf{A}$	19	US-	4,939,070	07-1990	BRUNSVOLD ET. AL.					
/AC	V80	us-	5,164,286	11-1992	BLAKENEY ET. AL.					

	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant					
Initials*	No.'	CountryCode ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear					
/ACW/	1	JP 2001/111,217	04-20-2001	Noritake						
7ACW	2	JP 2000/187,327	07-04-2000	Fuji Photo						
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	Examiner Signature	/Amanda C. Walke/	Date Considered	06/10/2007
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Substitute	for form 1449A/PT	0 ,		Complete if Known		
				Application Number	10/713,606	
INFO	RMATION	DIS	CLOSURE	Filing Date	November 14, 2003	
STAT	EMENT B	Y AF	PLICANT	First Named Inventor	YOUNG H. KIM	
				Group Art Unit	1752	
(U	se as many shee	ets as ne	cessary)	Examiner Name	Walke .	
Sheet	2	of	3	Attorney Docket Number	CL-2229 US NA	

			•	U.S. PATI	ENT DOCUMENTS	
Examiner Initials *	Cite No.1		ocument Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AC\	V/21	US - 6,060,213		05-09-2000	KUNIHIKO KODAMA	
	22	US-	6,613,499 B2	09-02-2003	CHING-YU CHANG	
	23	US-	2003/0170559 A1	09-11-2003	KAZUYOSHI MIZUTANI ET. AL.	
	24	US-	2005/0112503 A1	05-26-2005	TAKASHI KANDA ET. AL.	
	25	US-	6,238,842 B1	05-29-2001	KENICHIRO SATO ET. AL.	
	26	US-	6,558,871 B1	05-06-2003	EIJI TAKAHASHI ET. AL.	
	27	US-	5,506,090	04-09-1996	JAMES P. GARDNER ET. AL.	
	28	US-	5,910,392	06-08-1999	KOJI NOZAKI ET. AL.	
	29	US-	6,107,360	08-22-2000	SHOICHI KANEKO ET. AL.	
	30	US-	7,125,648	10-24-2006	Nagase	
	31	US-	7,186,498	03-06-2007	Gries	
	32	US-	2006/0154158	07-13-2006	Washio	
	33	US-	2005/0130082	06-16-2005	Kanda	
	34	US-				
7/7	35	us-	2002/074932 A1	06-20-2002	ROBERT J. BOUCHARD ET. AL.	
A	36	US-	2004/137364 A1	07-15-2004	YOUNG H. KIM	
/A(\$ V \$7	US-	6,798,127 82	09-28-2004	DONGSHENG MAO ET. AL.	
		US-				
		US-				
		US-				

	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	Г				
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7ACW	10	WO 2005/116,761 A2	12-08-2005	DUPONT						
\17	11	EP 1,184,723 A2	03-06-2002	FUJITSU LIMITED						
V	12	JP 2001/155,626	06-08-2001	Noritake						
/ACV	//13	JP 2000/108,259	04-18-2000	Nippon						
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Examiner Signature	/Amanda C. Walke/	Date Considered	06/10/2007
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l				SCLOSURE	Filing Date	November 14, 2003		
İ	STAT	EMENT	BY A	PPLICANT	First Named Inventor	YOUNG H. KIM		
l					Group Art Unit	1752		
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7	Sheet	3	of	3	Attomey Docket Number	CL-2229 US NA		
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/AC	W/1	WUN-KU WANG ET. AL., ELECTRICAL CHARACTERIZATION OF POLYMER THICK FILM RESISTOR, THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1999, VOL. 3906:619-624	
/ACW	// 2	J.V. CRIVELLO, THE CHEMISTRY OF PHOTOACID GENERATING COMPOUNDS IN POLYMERIC MATERIALS SCIENCE AND ENGINEERING, AMERICAN CHEMICAL SOCIETY MEETING, 1989, VOL. 81:62-66	
/ACW/	3	T.A. PRESSLEY, METHOD DEVELOPMENT FOR SEMIVOLATILE ORGANICS IN MUNICIPAL SLUDGE, AMERICAN CHEMICAL SOCIETY MEETING, 1989, VOL.:62-66	
/ACW	y 4	CHEN ET. AL., SOLUTION PROPERTIES OF SINGLE-WALLED CARBON NANOTUBES, SCIENCE, 1998, VOL. 282:95-98	
/ACW	5	ZHAOXIA ET. AL., NONLINER OPTICAL PROPERTIES OF SOME POLYMER/MULTI-WALLED CARBON NANOTUBE COMPOSITES, CHEMICAL PHYSICS LETTERS, 2000, VOL. 318:505-510	
/AC\	V/ ₆	M. DRESSELHAUS ET. AL., PHYSICS WORLD-PHYSICS WEB, CARBON NANOTUBE, 1998, PAGES 1-10	
/ACW	7	S.L. ROSEN, POLYMERS, THE KIRK-OTHMER ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY, FOURTH EDITION, JOHN WILEY & SONS, PAGES 881-904, VOL. 19	
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